

**HANDOUTS: SDS: Heavy Equipment Operator (5 pages)**  
**Skill Builders: Key Words & Phrases, Tables & Lists**

**IN THE WORKPLACE:** According to the WCB (Workers' Compensation Board), it is each worker's responsibility to learn about hazardous products they use and to follow safe work procedures. Detailed information about hazardous products is provided in Safety Data Sheets, usually called SDS.

**PART 1:** SDS standards are set by law. Every SDS must contain information on the following 16 sections.

1. **Product and Company Information:** Includes product name, what the product is used for, the chemical name, the name of the manufacturer or suppliers with contact information.
2. **Hazardous Identification:** The related hazard classifications (with pictograms) and the potential health effects of each hazard associated with the product.
3. **Composition/Ingredients:** Chemical and common names of hazardous ingredients.
4. **First aid measures:** Immediate treatment and information for medical professionals.
5. **Fire-fighting measures:** Suitable extinguishers and instructions to fire-fighters.
6. **Accidental release measures:** What to do if the product spills out of its container.
7. **Handling and Storage:** Precautions for safe handling.
8. **Exposure Controls/Personal Protection:** Guidelines for safe use and required personal protective equipment (PPE).
9. **Physical and Chemical Properties:** Information such as product colour and smell and details related to the product's chemicals' effects on health, safety and the environment.
10. **Stability and Reactivity:** What happens to the product if it comes into contact with another product.
11. **Toxicological information:** How health can be affected by short-term and long-term exposure to the product.
12. **Ecological information:** Information on the environmental impact of the product.
13. **Disposal Considerations:** Information on safe waste disposal including packaging.
14. **Transport Information:** Shipping information such as the shipping classification and the Transport Canada PIN (Product Information Number) for the whole product.
15. **Regulatory Information:** Safety, health and environmental regulations specific to the product.
16. **Other information:** Details of any changes to the SDS since the last revision.

On the job you will need to look up information in the SDS. You want to be efficient and start with the section that will most likely have the answers you are looking for.

- Decide which of the 16 sections of the SDS you would scan **first** to find the answer to each of the search questions below.
- Enter the **section number** of the section in the space provided.

Search Questions	Section (1-16)
1. What is the name of the product?	
2. What is the product made of?	
3. Where should the product be stored when not in use?	
4. What should you do if this product splashes in your eyes?	
5. Is the product made in Canada?	
6. If this product catches fire, how do you put it out?	
7. What sort of PPE should be worn when using this product?	
8. What should the product smell like?	
9. How can you dispose of leftover product?	
10. What are the US shipping codes for this product?	
11. What is the product used for?	
12. What hazards are associated with this product?	
13. What changes if any have been made since the last revision?	
14. Are there potential long term risks associated with using this product?	

**PART 2:** Locate the answers to the following questions in the SDS. **Highlight** the answers in the document or write them in the space provided below.

1. What is the product used for?

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2. How many hazard types are identified? List them.

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3. What 2 things does the pictogram indicate?

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4. What should you do and not do if the product gets in your mouth?

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5. What PPE should be used with the product?

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6. Where can you find more information on possible side effects of exposure to the product?

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7. What does Category 1C refer to?

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8. How should the product be disposed of?

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9. What is Canutec and why is their contact information included in the SDS? If you need help, use your phone to search for the answer.

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**SECTION 1. IDENTIFICATION**

<b>Product Identifier</b>	Excalibur JW92
<b>Recommended Use</b>	Parts Washer Cleaner.
<b>Manufacturer/</b>	Excalibur Chemicals, 1120 McDonald St., Regina, SK, S4N 4X3, 306-569-2781,
<b>Supplier Identifier</b>	www.excaliburindustrial.com Canutec, (613) 996-6666, Collect calls accepted or dial 666 on your cellular.

**SECTION 2. HAZARD IDENTIFICATION**

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

**Classification**

Acute toxicity (Oral) - Category 5; Skin corrosion - Category 1C; Eye irritation - Category 2A

**Label Elements****Danger**

Causes severe skin burns and eye damage.

Wear protective gloves/protective clothing/eye protection/face protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a POISON CENTRE or doctor if you feel unwell.

Dispose of contents and container in accordance with local, regional, national and international regulations.

**SECTION 4. FIRST-AID MEASURES****Inhalation**

Move to fresh air. Keep at rest in a position comfortable for breathing.

**Skin Contact**

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Quickly and gently blot or brush away excess chemical. Wash with plenty of water.

**Eye Contact**

Quickly and gently blot or brush chemical off the face. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion**

Rinse mouth with water. Drink 1 or 2 glasses of water. Never give anything by mouth if person is rapidly losing consciousness, or is unconscious or convulsing. Do not induce vomiting.

**First-aid Comments**

Get medical advice or attention if you feel unwell or are concerned.

**Most Important Symptoms and Effects, Acute and Delayed**

Review Section 11 (Toxicological) of this Safety Data Sheet.

**Immediate Medical Attention and Special Treatment**

**Special Instructions:** Treat Symptomatically.

Excalibur Industrial. (2016). Mirage JW92 SDS (Safety Data Sheet). Saskatoon, SK: Swish-Kemsol

This document has been modified. Sections 3 and 5-16 (inclusive) are not included here. This document is not an official version.